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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facstimle transmitted to the USPTO (571)273-2885, on the date indicated below BLOOMFIELD HILLS, MI 48303 (Depositor's name) (Date FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO APPLICATION NO FILING DATE 6572 2115D002504/NPB 10/553.851 08/07/2006 Chia Ying Lin TITLE OF INVENTION: INTEGRATED GLOBAL LAYOUT AND LOCAL MICROSTRUCTURE TOPOLOGY OPTIMIZATION APPROACH FOR SPINAL CAGE DESIGN AND FABRICATION PREV. PAID ISSUE FEE TOTAL FEE(S) DUE DATE DUE SMALL ENTITY ISSUE FEE DUE PUBLICATION FEE DUE APPLN. TYPE \$1055 02/13/2009 YES \$755 \$300 \$0 nonprovisional **CLASS-SUBCLASS** EXAMINER ART UNIT 2123 700-097000 BAHTA, KIDEST 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). 2. For printing on the patent front page, list HARNESS, DICKEY & (1) the names of up to 3 registered patent attorneys or ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached agents OR, alternatively, PIERCE, P.L.C. (2) the name of a single firm (having as a member a "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer registered patent attorney or agents and the name of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitution for filing an assignment. (B) RESIDENCE: (CITY and STATE OR COUNTRY) (A) NAME OF ASSIGNEE The Regents of The University of Michigan Ann Arbor, MI Please check the appropriate assignee category or categories (will not be printed on the patent): 🔲 Individual 🗵 Corporation or other private group entity 🔲 Government 4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) 4a. The following fee(s) are submitted: A check is enclosed Issue Fee Payment by credit card. Form PTO-2038 is attached. Publication Fee (No small entity discount permitted) Me The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any Advance Order - # of Copies _ overpayment, to Deposit Account Number 08-0750 (enclose an extra copy of this form). Change in Entity Status (from status indicated above) b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office NH Date February 10, 2009 Authorized Signature Registration No. 38,442 Typed or Printed Name Stanley M. Erjavac

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the complete application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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